



**Air Quality
PERMIT TO CONSTRUCT**

**State of Idaho
Department of Environmental Quality**

PERMIT No.: P-050314

FACILITY ID No.: 005-00004

AQCR: 61

CLASS: A

SIC: 3241

ZONE: 12

UTM COORDINATE (km): 397.6, 4738.6

1. PERMITTEE

Ash Grove Cement Company

2. PROJECT

Clinker unloading operation

3. MAILING ADDRESS

230 Cement Road

CITY

Inkom

STATE

ID

ZIP

83245

4. FACILITY CONTACT

Ron Smith

TITLE

Plant manager

TELEPHONE

(208) 775-3351 ext. 12

5. RESPONSIBLE OFFICIAL

Ron Smith

TITLE

Plant manager

TELEPHONE

(208) 775-3351 ext. 12

6. EXACT PLANT LOCATION

230 Cement Road, Inkom

COUNTY

Bannock

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Portland cement production

8. GENERAL CONDITIONS

This permit is issued according to IDAPA 58.01.01.200, Rules for the Control of Air Pollution in Idaho, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require DEQ approval pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200, et seq.

**TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY**

DATE ISSUED:

PROPOSED - Public
Comment

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Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
CFR	Code of Federal Regulations
DEQ	Department of Environmental Quality
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
PTC	permit to construct
SIC	Standard Industrial Classification
SM	synthetic minor
UTM	Universal Transverse Mercator

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1. PERMIT TO CONSTRUCT SCOPE

Purpose

- 1.1 The purpose of this PTC is for the installation of a vibratory feeder, covered conveyor, and a clinker elevator to transfer clinker brought in to the facility by truck or rail to clinker silos.

Regulated Sources

Table 1.1 lists all sources of regulated emissions in this PTC.

Table 1.1 SUMMARY OF REGULATED SOURCES

Permit Section	Source Codes	Source Description	Emissions Control(s)
2	F49d	Truck/railcar to hopper	Hopper pit
2	F49e	Hopper to conveyor	Cover over conveyor, partial cover at transfer point, partial control by Baghouse No. 2
2	F49f	Conveyor to No. 2 elevator 100 tons per hour	Baghouse No. 2

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2. CLINKER UNLOADING

2.1 Process Description

Clinker is imported from other plants by truck and railcar to the facility and belly-dumped into an enclosed below-grade hopper. A vibratory feeder moves the clinker from the hopper to a covered conveyor belt. The conveyor belt carries the clinker to a clinker elevator. The elevator carries the clinker to a drag conveyor, which discharges the clinker to one of three storage silos.

2.2 Emissions Control Description

Table 2.1 CLINKER UNLOADING DESCRIPTION

Emissions Unit(s) / Process(es)	Emissions Control Device
Truck/railcar to hopper	Below grade hopper
Hopper to conveyor	Cover over conveyor, partial cover at transfer point, partial control by Baghouse No. 2
Conveyor to No. 2 elevator	Baghouse No. 2

Operating Requirements

2.3 Clinker Throughput Limits

The clinker from truck and railcar unloading operations shall not exceed 55,000 tons per any consecutive 12-month period.

Monitoring and Recordkeeping Requirements

2.4 Throughput Monitoring

The permittee shall monitor and record the amount of clinker unloaded for each month and for the most recent 12-month period. Records kept on site for the most recent two-year period and shall be made available to DEQ representatives upon request.

2.5 Performance Test

Within 60 days of achieving the maximum production rate of the clinker unloading system, but not later than 180 days after issuance of this permit, the permittee shall conduct a performance test in accordance with 40 CFR 60 Subpart F and 40 CFR 60.8.

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3. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.
2. The permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
 - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack compliance testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
5. The permittee shall notify DEQ, in writing, of the required information for the following events within 5 working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

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Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

7. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
8. In accordance with IDAPA 58.01.01.123, all documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.